

INTERNATIONAL SEARCH REPORT

Inten	ial Application No
PCT/EP2004/000157	

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	C23C2/26	C23C2/02	C23C24/00	C23C24/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
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EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/048403 A (LE CRAZ SEBASTIEN ; CT DE RECH S METALLURG ASBL CE (BE)) 12 June 2003 (2003-06-12) cited in the application page 9, line 1 - page 11, line 25; claims 1-27 page 13 claims 1-27	1-6, 9-21, 23-31
Y	PATENT ABSTRACTS OF JAPAN vol. 013, no. 187 (C-592), 2 May 1989 (1989-05-02) -& JP 01 011983 A (NISSHIN STEEL CO LTD), 17 January 1989 (1989-01-17) abstract * page 3, colonne de droite, lignes 23-24 du document original*	7,8
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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26 July 2005	01/08/2005
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Name and mailing address of the ISA	Authorized officer
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European Patent Office, P.O. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Handrea-Haller, M
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 853 850 A (IWAI MASATOSHI ET AL) 29 December 1998 (1998-12-29) column 11, lines 1,2; claims 1,6,14; figure 12; table 12 -----	1-5
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03, 27 February 1998 (1998-02-27) -& JP 09 296277 A (NKK CORP), 18 November 1997 (1997-11-18) * paragraphe {0018} du document original * abstract -----	1-3,5
Y	WO 02/086194 A (ITN NANOVATION GMBH ; BINKLE OLAF (DE); NONNINGER RALPH (DE)) 31 October 2002 (2002-10-31) page 6, paragraphs 2,3; claim 1; examples 2,3 -----	7,8
Y	PATENT ABSTRACTS OF JAPAN vol. 013, no. 134 (C-581), 4 April 1989 (1989-04-04) & JP 63 297576 A (NISSHIN STEEL CO LTD), 5 December 1988 (1988-12-05) * page 3, colonne de gauche, lignes 23-30 et page 4, colonne de gauche, lignes 25-26 du document original* abstract -----	7,8
A	US 2002/142150 A1 (FRITSCHE KLAUS-DIETER ET AL) 3 October 2002 (2002-10-03) claims 1-4,7,14; examples 1-3 -----	1-6
A	WO 00/68460 A (PPG IND OHIO INC) 16 November 2000 (2000-11-16) page 4, lines 25-34; claims 1,16 -----	1,6,11
A	PATENT ABSTRACTS OF JAPAN vol. 012, no. 301 (C-521), 16 August 1988 (1988-08-16) -& JP 63 072887 A (NISSHIN STEEL CO LTD), 2 April 1988 (1988-04-02) cited in the application abstract -----	1

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Information on patent family members

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